

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040225AL\
 Data File : FC068494.D
 Signal(s) : FID1A.ch
 Acq On : 02 Apr 2025 22:04
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 03 07:42:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:41:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.716	2624560	20.366 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	13.315	2150898	20.164 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.448	2291611	20.560 ug/ml
2) T n-Decane (C10)	4.524	2322379	19.940 ug/ml
3) T A~Naphthalene (C11.7)	6.122	2567581	20.513 ug/ml
4) T n-Dodecane (C12)	6.550	2315843	20.474 ug/ml
5) T A~2-methylnaphthalene...	7.180	2446890	20.432 ug/ml
6) T n-Tetradecane (C14)	8.347	2277724	20.426 ug/ml
7) T n-Hexadecane (C16)	9.949	2315157	20.238 ug/ml
8) T n-Octadecane (C18)	11.393	2306606	20.118 ug/ml
10) T n-Eicosane (C20)	12.703	2197611	20.076 ug/ml
11) T n-Heneicosane (C21)	13.149	1860403	20.221 ug/ml
13) T n-Docosane (C22)	13.902	2142128	19.845 ug/ml
14) T n-Tetracosane (C24)	15.005	2142156	19.215 ug/ml
15) T n-Hexacosane (C26)	16.026	2095730	18.848 ug/ml
16) T n-Octacosane (C28)	16.976	2055146	18.702 ug/ml
17) T n-Tricontane (C30)	17.865	2029405	18.379 ug/ml
18) T n-Dotriacontane (C32)	18.697	1924612	18.504 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1733565	19.329 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1479284	19.765 ug/ml
21) T n-Octatriacontane (C38)	20.994	1267683	20.291 ug/ml
22) T n-Tetracontane (C40)	21.971	949771	20.179 ug/ml

(f)=RT Delta > 1/2 Window

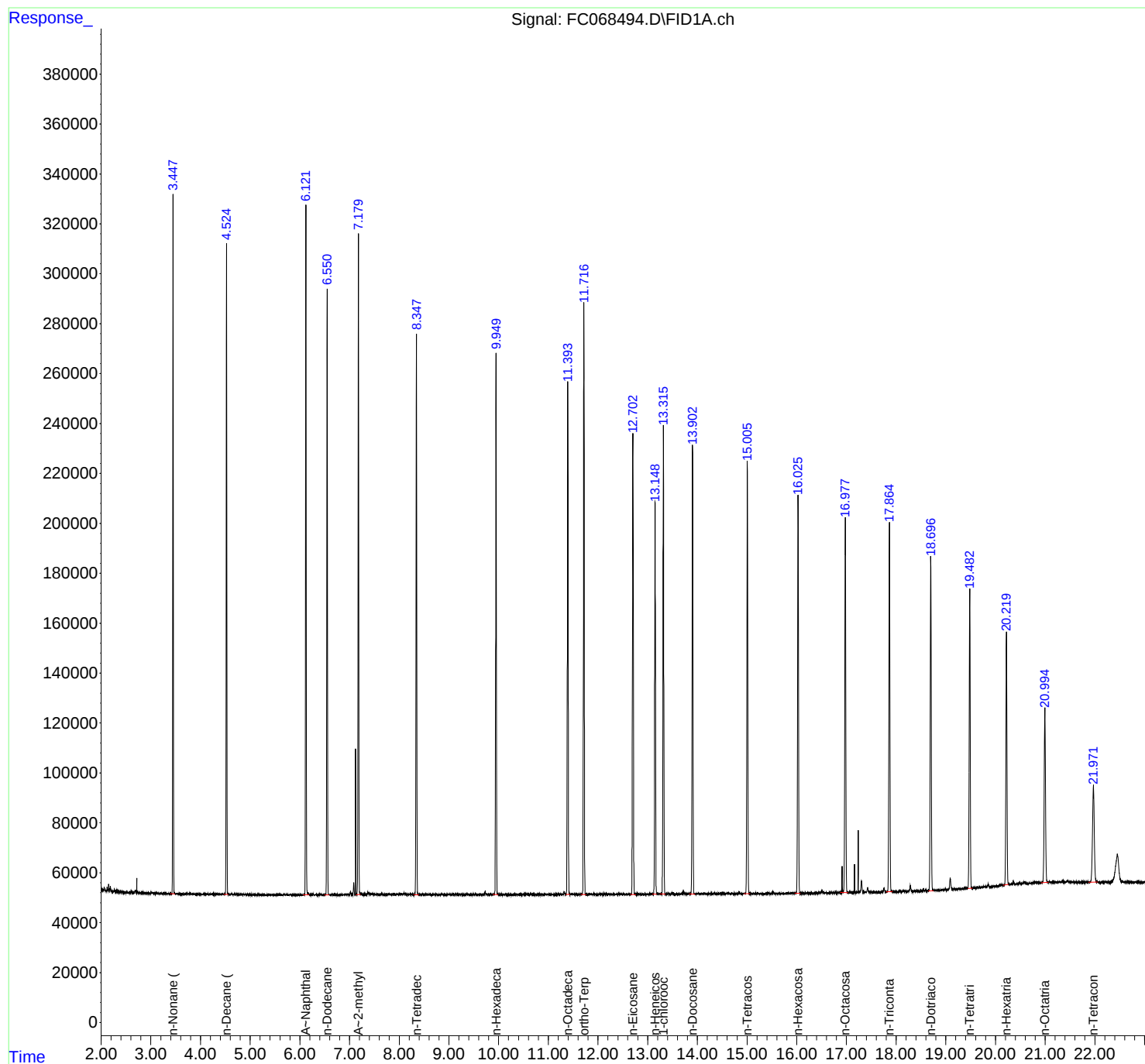
(m)=manual int.

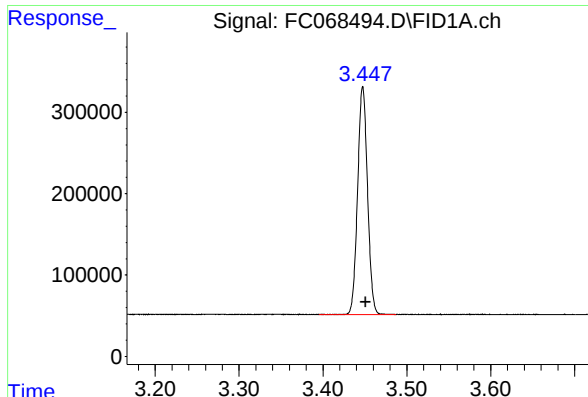
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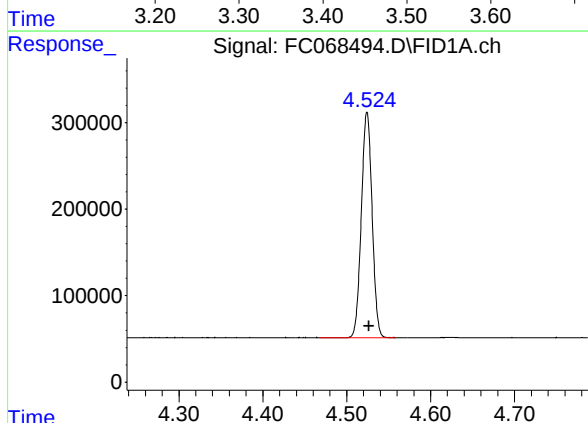




#1 n-Nonane (C9)

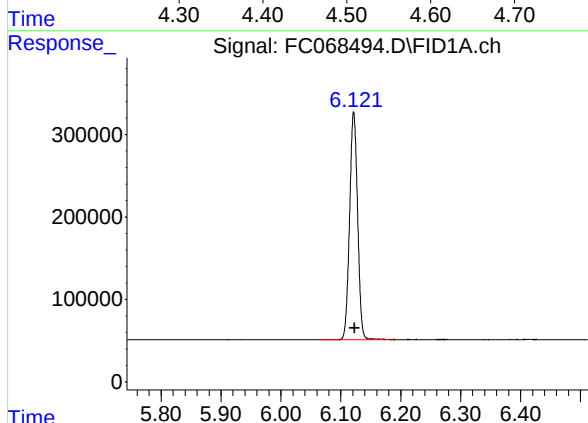
R.T.: 3.448 min
Delta R.T.: -0.003 min
Response: 2291611
Conc: 20.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



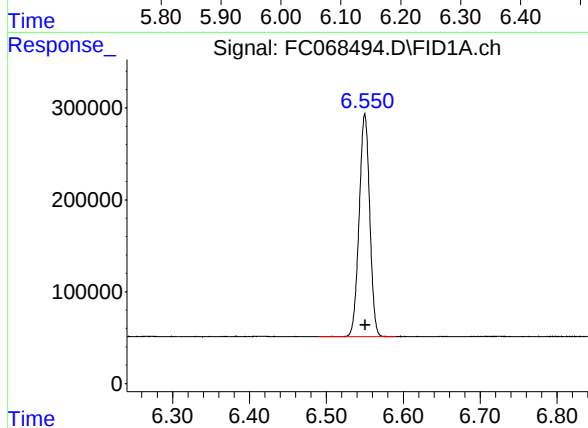
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 2322379
Conc: 19.94 ug/ml



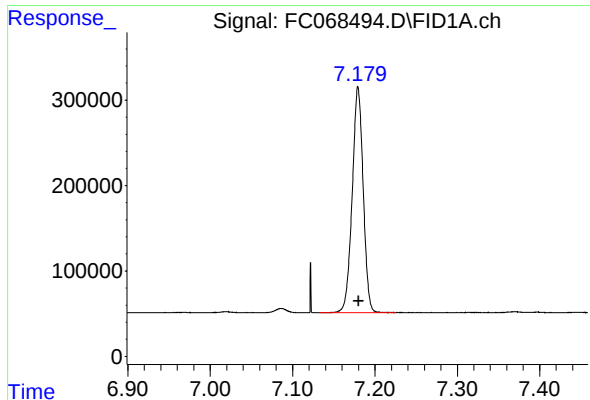
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 2567581
Conc: 20.51 ug/ml



#4 n-Dodecane (C12)

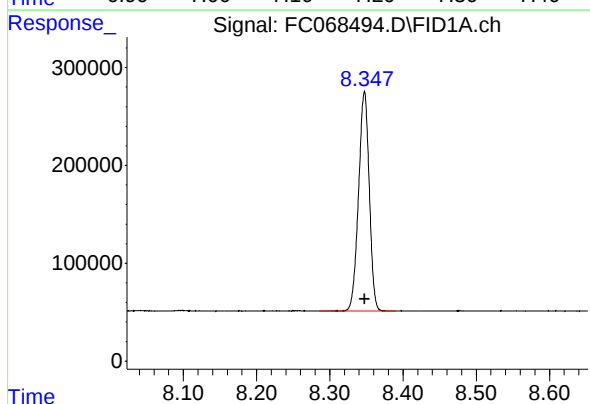
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2315843
Conc: 20.47 ug/ml



#5 A~2-methylnaphthalene (C12.89)

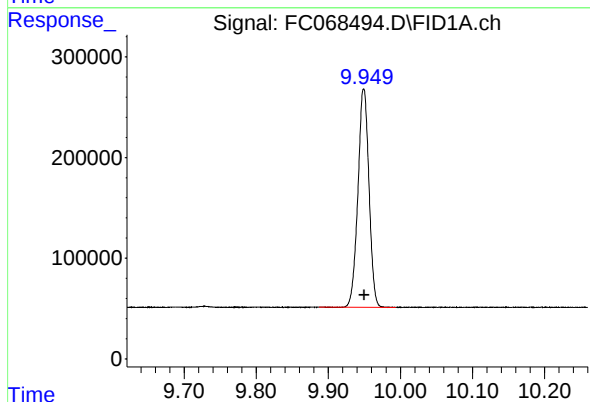
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 2446890
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



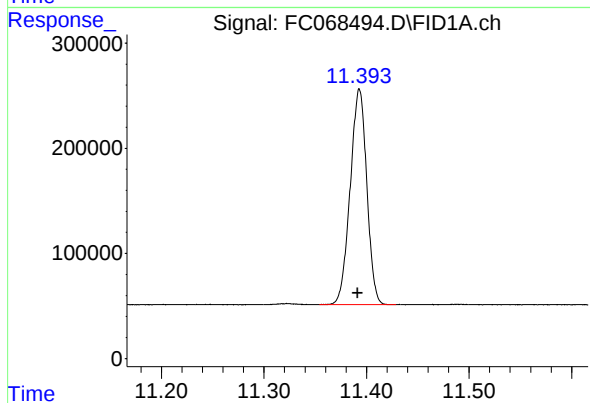
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 2277724
Conc: 20.43 ug/ml



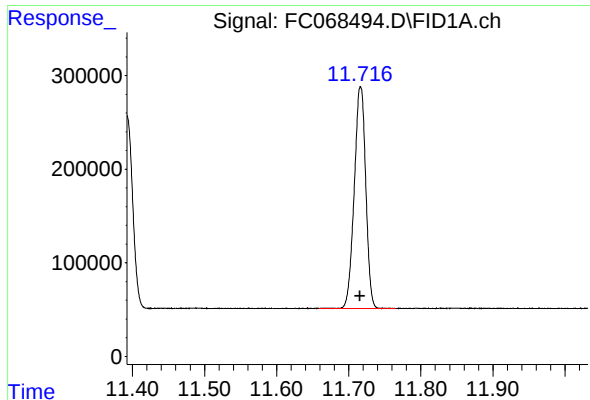
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.000 min
Response: 2315157
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

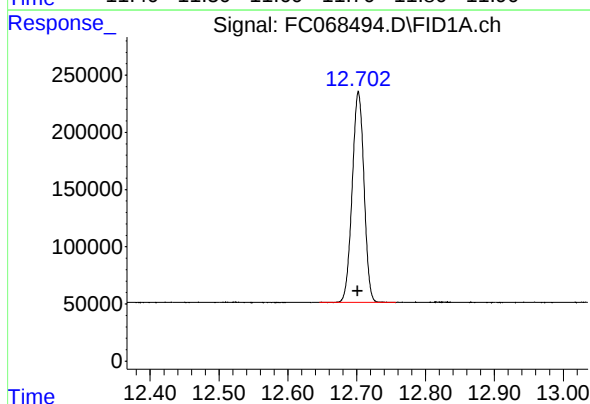
R.T.: 11.393 min
Delta R.T.: 0.002 min
Response: 2306606
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

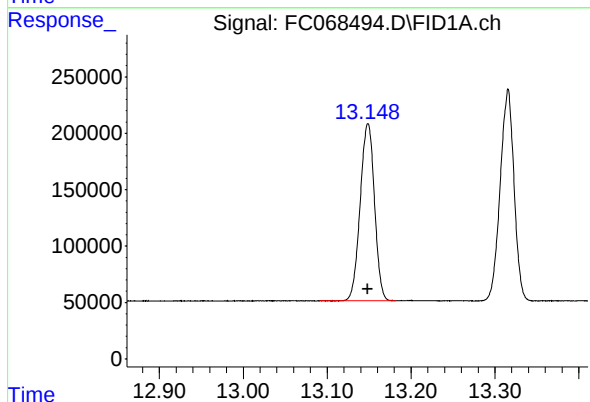
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 2624560
Conc: 20.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



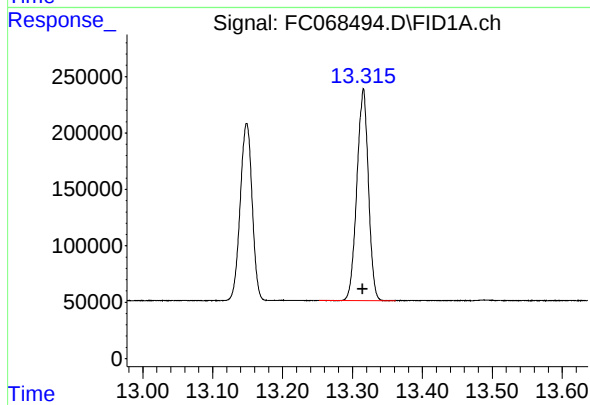
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.000 min
Response: 2197611
Conc: 20.08 ug/ml



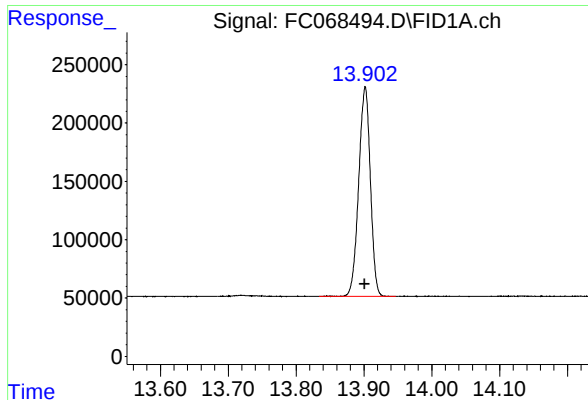
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: 0.000 min
Response: 1860403
Conc: 20.22 ug/ml



#12 1-chlorooctadecane (SURR)

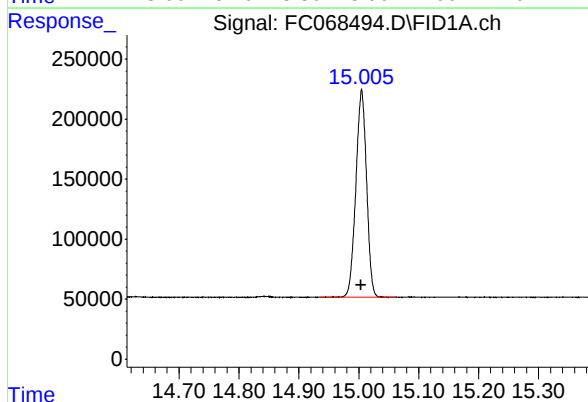
R.T.: 13.315 min
Delta R.T.: 0.001 min
Response: 2150898
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

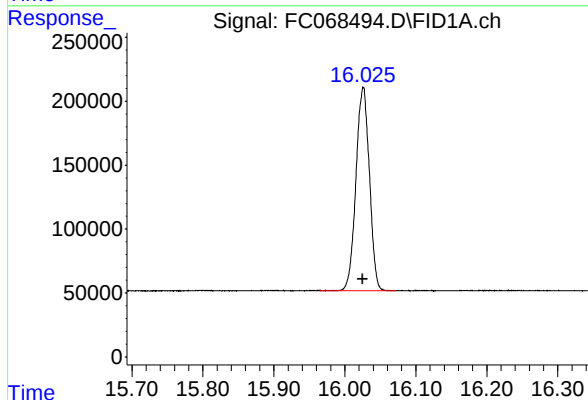
R.T.: 13.902 min
Delta R.T.: 0.000 min
Response: 2142128
Conc: 19.84 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



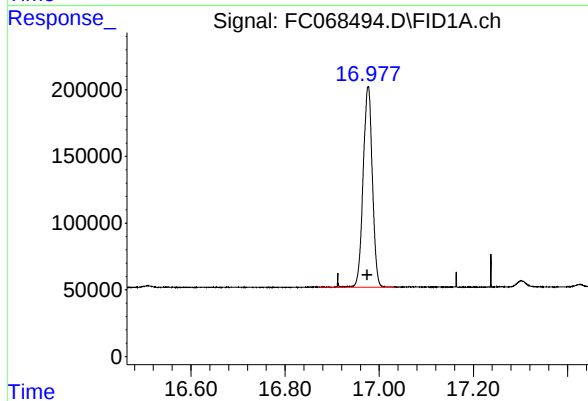
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.000 min
Response: 2142156
Conc: 19.21 ug/ml



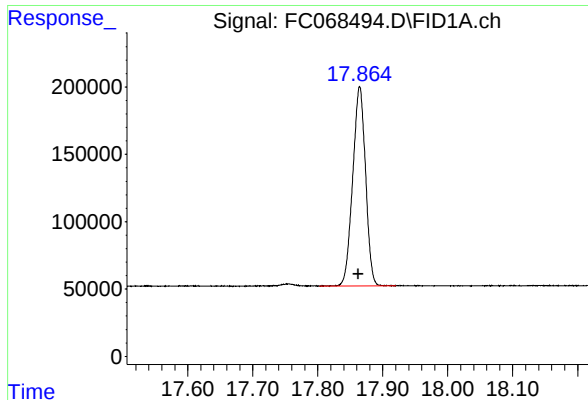
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.000 min
Response: 2095730
Conc: 18.85 ug/ml



#16 n-Octacosane (C28)

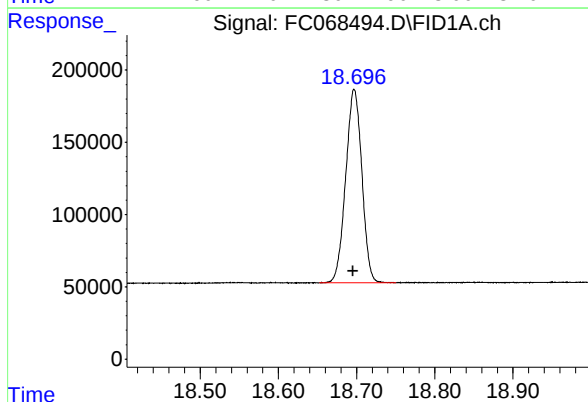
R.T.: 16.976 min
Delta R.T.: 0.001 min
Response: 2055146
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

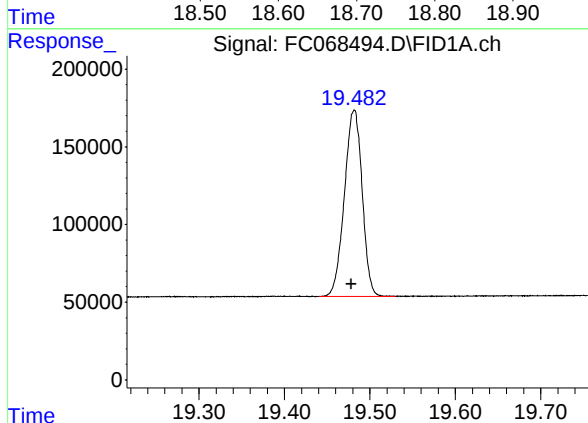
R.T.: 17.865 min
Delta R.T.: 0.002 min
Response: 2029405
Conc: 18.38 ug/ml

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20 PPM ALIPHATIC HC STD



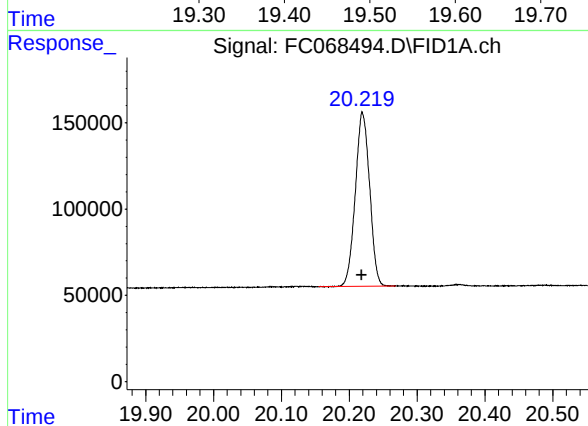
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: 0.002 min
Response: 1924612
Conc: 18.50 ug/ml



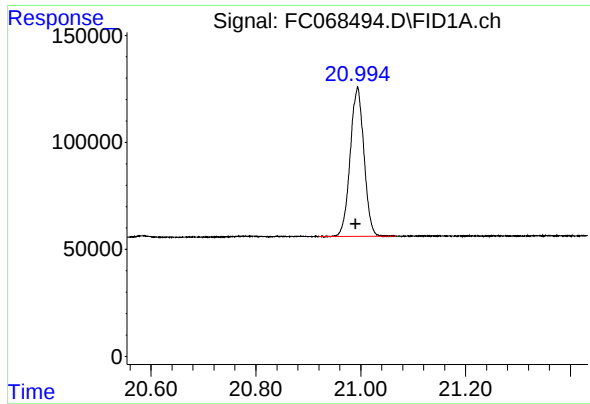
#19 n-Tetatriacontane (C34)

R.T.: 19.482 min
Delta R.T.: 0.003 min
Response: 1733565
Conc: 19.33 ug/ml



#20 n-Hexatriacontane (C36)

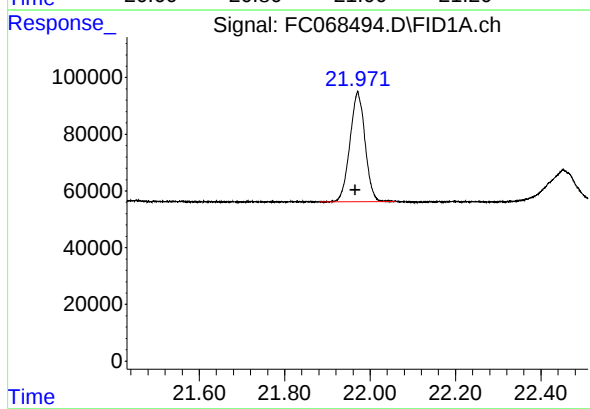
R.T.: 20.220 min
Delta R.T.: 0.001 min
Response: 1479284
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.994 min
Delta R.T.: 0.004 min
Response: 1267683
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.006 min
Response: 949771
Conc: 20.18 ug/ml